

What is Claimed:

1. A flow meter comprising:
control circuitry;
circuitry for storing a manually settable fluid flow rate
5 parameter, coupled to the control circuitry;
time interval determination circuitry coupled to the control
circuitry wherein in response to a received time interval defining signal, the
determination circuitry establishes an indicium corresponding to the respective time
interval and wherein the control circuitry combines the stored flow rate parameter with
10 the indicium to establish a quantity of fluid delivered during the interval.
2. A flow meter as in claim 1 wherein the control circuitry includes
a processor for executing a pre-stored flow determining program.
3. A flow meter as in claim 2 wherein the flow determining
program is retained in the circuitry for storing.
- 15 4. A flow meter as in claim 2 wherein the program includes
instructions for storing the established quantity of fluid.
5. A flow meter as in claim 4 which includes a visual display and
instructions for presenting a visual representation of the established quantity of fluid
on the display.
- 20 6. A flow meter as in claim 1 which includes an input device for
entry of at least one parameter.
7. A flow meter as in claim 1 which includes an input device
selected from a class which includes a keypad, and an input receiving display.
8. A flow meter as in claim 1 which includes instructions for
25 ~~carrying out a pre-stored fluid delivery schedule.~~
9. A flow meter as in claim 8 which includes an input device
coupled to the control circuitry and instructions for entry and storage of a fluid delivery
schedule.

10. A flow meter as in claim 9 wherein the schedule comprises sequences for producing a plurality of timed fluid delivery output signals.

11. A flow meter as in claim 2 which includes instructions for delivery of a selective additive, in accordance with a predefined schedule, to the fluid.

5 12. A flow meter as in claim 11 which includes instructions for entry and storage of an additive delivery schedule.

13. A flow meter as in claim 12 which includes an input device coupled to the control circuitry and instructions for entry and storage of a fluid delivery schedule.

10 14. A flow meter as in claim 1 which includes a source of electrical energy.

15. A flow meter as in claim 14 wherein the source comprises an AC/DC power supply.

15 16. A flow meter as in claim 14 wherein the source comprises a replaceable battery.

17. A flow meter as in claim 1 which includes an input port for receipt of a signal indicative of a depth of fluid in storage.

18. A flow meter as in claim 1 which includes an audible output device.

20 19. A flow meter as in claim 18 which includes an input port for receipt of a signal indicative of a depth of fluid in storage and instructions for actuating the audible output device in response thereto.

20. A self-contained flow meter comprising:
a housing;

~~energy receiving prongs carried by the housing;~~

~~a power supply with an input coupled to the prongs;~~

~~circuitry, coupled to the power supply, wherein the circuitry~~

~~stores a flow rate parameter and at least one flow delivery interval;~~

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circuitry for multiplying the parameter and the interval to establish a quantity of fluid delivered during the interval; and
a display device for visually presenting the quantity of fluid delivered.

5 21. A meter as in claim 20 which includes an input port for receipt of a flow delivery interval defining signal.

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22. A meter as in claim 20 which includes at least one pre-stored additive supplying sequence.

10 23. A meter as in claim 22 which generates at least one additive supplying output signal in response to the additive supplying sequence.

24. A meter as in claim 20 which includes circuitry for entering at least one flow delivery command sequence.

25. A meter as in claim 24 with circuitry for executing the flow delivery command sequence.

15 26. A meter as in claim 20 wherein the circuitry includes a processor programmed with pre-stored instructions and a non-volatile memory unit for storing the flow rate parameter.

27. A meter as in claim 20 which includes a user operable input device.

20 28. A meter as in claim 27 which includes executable instructions for receiving the flow rate parameter from the input device and for storing the parameter.

29. A meter as in claim 28 which includes an input port for receipt of a flow delivery interval defining signal.

25 30. A meter as in claim 29 which includes executable instructions responsive to an interval start signal from the port to initiate the flow delivery interval and responsive to an interval end signal to terminate the interval and store it.

31. A meter as in claim 30 which includes executable instructions for storing a plurality of fluid delivery intervals.

32. A meter as in claim 30 which includes executable instructions for displaying a plurality of fluid quantities delivered during respective delivery intervals.

5 33. A meter as in ~~claim 30~~ which includes at least one metal prong, extending from the housing, for receipt of utility supplied energy.

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